In the claims:

For the Examiner's convenience, all pending claims are presented below with changes shown in accordance with the new mandatory amendment format.

1.   (Previously Presented)   A method comprising:

identifying a first field and a second field within an electronic mail (email) message;

applying a first set of code words to encode data in said first field; and

applying a second set of code words to encore data in said second field.

2.   (Original) The method as in claim 1 further comprising:

generating said first set of code words based on the frequency with which character strings represented by said code words are found within said first field; and

generating said second set of code words based on the frequency with which character strings represented by said code words are found within said second field.

3.   (Original) The method as in claim 2 wherein character strings which are relatively more common within said first field are represented by relatively shorter code words in said first set of code words and character strings which are relatively more common within said second field are represented by relatively shorter code words in said second set of code words.

4.   (Original) The method as in claim 1 wherein said first field is an email header field and said second field is an email text field.

5.   (Original) The method as in claim 1 wherein said first field is an address book field and said second field is an email message field.

6. (Original) The method as in claim 1 further comprising:

encoding ASCII text in said message in a 6-bit character format.

7. (Original) The method as in claim 6 further comprising:

providing one or more 6-bit escape sequences indicating that code following said

sequence represents data compressed using a particular compression technique.

8. (Original) The method as in claim 6 wherein relatively common characters

are encoded using 6 bits and relatively uncommon characters are encoded using two

successive sequences of 6 bits.

9. (Previously Presented) A method comprising:

generating a first code word table containing code words for a plurality of

character strings found in a first electronic mail (email) message field;

generating a second code word table containing code words for a plurality of

character strings found in a second email message field; and

encoding character strings in said first field using said first code word table and

character strings in said second field using said second code word table.

10. (Previously Presented) The method as in claim 9 further comprising:

initially performing a statistical analysis of character strings found in said first

email message field and said second email message field to determine a frequency of

occurrence of each of said character strings.

11. (Original) The method as in claim 10 wherein character strings occurring

relatively more frequently in said first field and said second field are associated with

relatively shorter code words in said first code word table and said second code word table, respectively.

12. (Original) The method as in claim 9 wherein said first field is an email address field.

13. (Cancelled)

14. (Original) The method as in claim 9 further comprising:

encoding said message further using one or more alternate compression techniques.

15. (Original) The method as in claim 14 wherein one of said alternate compression techniques comprises converting ASCII characters into a 6-bit character format.

16. (Original) The method as in claim 14 wherein one of said techniques comprises identifying strings in said first or second fields based on a location of said strings in a spell-check dictionary.

17-21. Cancelled

22. (Previously Presented)   A machine readable medium having program code stored thereon which, when executed by a machine, causes said machine to perform the operations of:

identifying a first field and a second field within an electronic mail (email) message;

applying a first set of code words to encode data in said first field; and

applying a second set of code words to encore data in said second field.

23. (Original) The method as in claim 22 comprising additional program code to cause said processor to perform the operations of:

generating said first set of code words based on the frequency with which character strings represented by said code words are found within said first field; and

generating said second set of code words based on the frequency with which character strings represented by said code words are found within said second field.

24. (Original) The machine-readable medium as in claim 23 wherein character strings which are relatively more common within said first field are represented by relatively shorter code words in said first set of code words and character strings which are relatively more common within said second field are represented by relatively shorter code words in said second set of code words.

25. (Original) The machine-readable medium as in claim 22 wherein said first field is an email header field and said second field is an email text field.

26. (Original) The machine-readable medium as in claim 22 wherein said first field is an address book field and said second field is an email message field.

27. (Original) The machine-readable medium as in claim 22 comprising additional program code to cause said processor to perform the operations of:

encoding ASCII text in said message in a 6-bit character format.

28. (Original) The machine-readable medium as in claim 27 comprising additional program code to cause said processor to perform the operations of:

providing one or more 6-bit escape sequences indicating that code following said sequence represents data compressed using a particular compression technique.

29. (Original) The machine-readable medium as in claim 27 wherein relatively common characters are encoded using 6 bits and relatively uncommon characters are encoded using two successive sequences of 6 bits.